

Converting Colors

Hex(69789A)

Have a look what the booklet for
Hex(69789A) contains.

Hex(69789A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(69789A)

Conversions

Conversions Part 1

Format	Color
Hex	69789A
RGB	105, 120, 154
RGB Percent	41%, 47%, 60%
CMY	0.5882, 0.5294, 0.3961
CMYK	0.32, 0.22, 0.00, 0.40
HSL	222°, 20%, 51%
HSV	222°, 32%, 60%
XYZ	18.3749, 18.7693, 33.2262
YIQ	119.3910, -19.8540, 7.3940

Conversions

Conversions Part 2

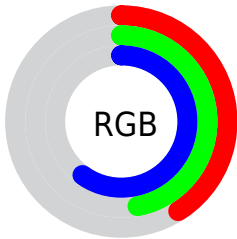
Format	Color
R_{YB}	105, 116, 154
Decimal	6912154
CIE _{Lab}	50.42, 2.83, -20.14
CIE _{LCh}	50, 20.337, 278.013
Yxy	18.7693, 0.2611, 0.2667
Android (android.graphics.Color)	4285102234 (0xFF69789A)
YUV	119.3910, 17.0622, -12.6209
Hunter-Lab	43.3235, -0.1086, -15.1449

Details

The Hex color **69789A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A8B69**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **9DACD0**, and **384867** is the 20% darker color. If you saturate the color by 10%, you get **5A6D9A**, and if you desaturate by 10%, it is **78839A**.

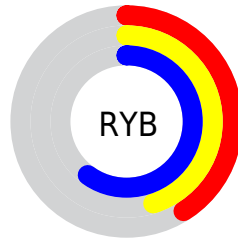
Distribution



Red (41%)

Green (47%)

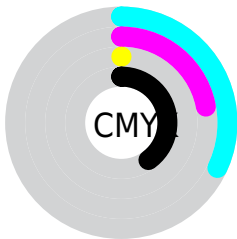
Blue (60%)



Red (41%)

Yellow (45%)

Blue (60%)

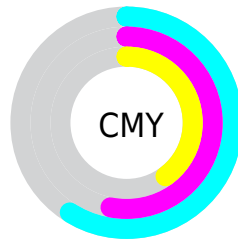


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (59%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69789A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 69789A by changing the saturation by 10% instead.

■ 69789A

■ 69789A

FFFFFF

■ 505F80

■ 9DACD0

■ 384867

■ B9C7ED

■ 20314F

■ D5E3FF

■ 061D38

■ F1FFFF

■ 000122

■ 000009

■ 000000

■ 69789A

■ 69789A

■ 5A6D9A

■ 78839A

■ 4A639A

■ 888D9A

■ 3B589A

■ 97989A

■ 2B4D9A

■ A7A39A

■ 1C439A

■ B6AD9A

■ 0D389A

■ C5B89A

■ 002F9A

■ D5C39A

■ E4CD9A

■ F4D89A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



527D98



69789A



817293

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69789A



996E63



59816A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69789A



9A8B69

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6D7D5C



69789A



907358

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69789A



9B6B74



807856



49827C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69789A



8D6E8B



807856



5F8065

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69789A



B5BBC9



699A8A



5A5E66



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69789A



7D94C9



72699A



45474D



002B8C



00040D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9A6978



C97D94



919A69



4D4547



8C002B



0D0004

Previews

White Background



This preview shows how the Hex color 69789A looks on a white background.

Color Contrast Check

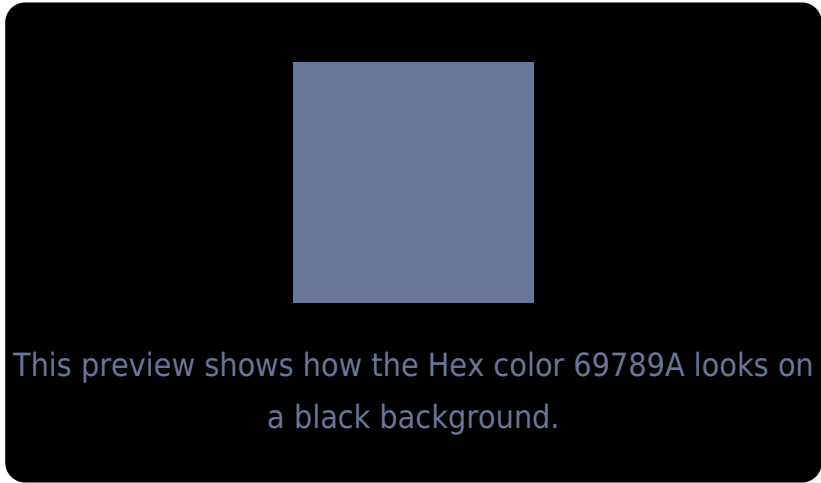
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

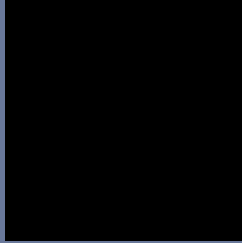
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

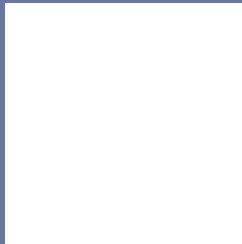
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 69789A Background



This preview shows how black text looks on a background with the Hex color 69789A.



This preview shows how white text looks on a background with the Hex color 69789A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
69789A

Protanopia
6F7699

Deuteranopia
71769A



Tritanopia
647C86

Trichromacy



Original Color
69789A

Protanomaly
6D7799

Deuteranomaly
6E779A

Tritanomaly
667B8D

Monochromacy



Original Color
69789A

Achromatopsia
777777

Achromatomaly
727784

CSS Examples

Text

The CSS property to change the color of the text to Hex 69789A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #69789A looks like.

```
.text, #text, p{  
    color:#69789A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #69789A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69789A
}
```

Border

The CSS property to change the border of an element to Hex 69789A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69789A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#69789A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #69789A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69789A; -webkit-box-shadow:4px 4px  
4px 4px #69789A; box-shadow:4px 4px 4px  
4px #69789A }
```

Background

The CSS property to change the background color of an element to Hex 69789A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69789A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#69789A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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